# XXV. *An Account of the Flowing of the Tides in the* South Sea, *as obſerved on board His Majeſty's Bark the* Endeavour, *by Lieut.* J. Cook, *Commander, in a Letter to* Nevil Maſkelyne, *Aſtronomer Royal, and F. R. S.*

Mile-end, February 5, 1772.

Reverend Sir,

Read May 21, 1772. I Here ſend you the few obſervations I made on the tides in the South Sea, to which I have only to add, that, from many circumſtances and obſervations, I am fully convinced that the flood comes from the ſouthward, or rather from the S. E. I am,

SIR,

Your moſt obedient,

humble ſervant,

J. Cook.

Names

| Names of places where obſerved. | Lat. South. | Long. Weſt. | New and full Moon. High water. | New and full Moon. Riſe & fall. |
|---|---|---|---|---|
| | | | H. M. | F. In. |
| Succeſs Bay in Strait le Maire — | 54 45 | 66 4 | 4 30 | 5 6 |
| Lagoon Iſland — — — | 18 47 | 139 28 | 0 30 | . . . . |
| Matavai Bay, Otaheita — — | 17 29 | 149 30 | 0 30 | 0 11 |
| Tolaga Bay, Eaſt coaſt of New Zealand | 38 22 | 181 14 | 6 0 | 5 6 |
| Mercury Bay, N. E. ditto — — | 36 48 | 184 4 | 7 30 | 7 0 |
| River Thames, ditto — — — | 37 12 | 184 12 | 9 0 | 10 0 |
| Bay of Iſlands, ditto — — — | 35 14 | 185 36 | 8 0 | 7 0 |
| Queen Charlotte's Sound, Cook's Strait New Zealand — — — | 41 0 | 184 45 | 9 30 | 7 6 |
| Admiralty Bay, in ditto — — | 41 45 | 185 12 | 10 0 | 7 0 |
| Botany Bay, coaſt of New South-Wales | 34 0 | 208 37 | 8 0 | 4 6 |
| Buſtard Bay, ditto — — — | 24 30 | 208 20 | 8 0 | 8 0 |
| Thirſty Sound, ditto — — — | 25 5 | 210 24 | 11 0 | 16 0 |
| Endeavour River, ditto — — | 15 26 | 214 48 | 9 30 | 9 0 |
| Endeavour's Strait, which divides New Guinea from New Holland — | 10 37 | 218 45 | 1 30 | 11 0 |